**Mir Wais HOSSEINI**

**Liste complète des publications**

***Année 2019***

**350**- B. FORQUIN, J. BERTHAUD, A. JOUAITI, N. KYRITSAKAS, S. FERLAY, M. W. HOSSEINI

“Molecular tectonics: enantiomerically pure chiral crystals based on *trans*-1,2 cyclohexanediol containing tectons“

*CrystEngComm.*, **2019**, **Soumis le 24 mai.**

**349**- D. BECHU, G. ROGEZ, M. W. HOSSEINI, S. A. BAUDRON

**“**Tetrathiopyridyl-tetrathiafulvalene-based Cd(II) coordination polymers: one ligand, one metal cation, many possibilities**“**

*Dalton,* **2019**, **Soumis le 20 mai.**

**348**- E. F. CHERNOVA, A. S. OVSYANIKOV,a,S. E. SOLOVIEVA,a,cI. S. ANTIPIN,a,N. KYRITSAKAS,bM. W. HOSSEINI,bS. FERLAY

“Control of dimensionality in Manganese Coordination Polymers using rigid tetrahedral-shaped [1.1.1.1]metacyclophane ligands bearing benzoate coordinating sites: from homochiral 1D to 3D diamond-like structures”

*Inorg. Chem. Commun,* 2019, 106, 97-201.

**347**- A. V. SHOKUROV,I. N. MESHKOV,aV. BULACH,bY. G. GORBUNOVA,a,M. W. HOSSEINI,b A. Y. TSIVADZE,a,V. V. AESLANOVa? S. L. SELEKTOR

“Restriction of rotational relaxation of the butadiyne-bridged porphyrin dimer in ultrathin films”

*N. J. Chem.*, 2018, *42*, Soumis le 8 avril.

**346**- F. ZHANG, A. FLUCK, S BAUDRON, M. W. HOSSEINI

"Synthesis, crystal structure and optical properties of a series of dipyrrins bearing peripheral coordinating groups and their BODIPY and Zn(II) complexes"

*Inorganica Chemica Acta.* **2019***, 494*, 216-222.

**345**- F. ZHANG, A. FLUCK, S. BAUDRON, M. W. HOSSEINI

"Strapping a benzaldehyde-appended 2,2’-bis-dipyrrin Zn(II) double-stranded helicate using imine bond formation"

*Dalton Trans.* **2019**, *48*, 4105 – 4108.

**344**- P. LARPENT, A. JOUAITI, N. GRUBER, M. W. HOSSEINI

”Molecular tectonics: Homochiral 1D and 2D cadmium based coordination networks”

***CrystEngComm*,** **2019**, ***21***, 2534-2540.

**343**- P. LARPENT, A. JOUAITI, N. GRUBER, M. W. HOSSEINI

”Molecular tectonics: from a rigid achiral organic tecton to 3D chiral Co and Fe coordination networks”

*Chem. Commun.*, **2019**,*55*, 91 – 94.

**342**- G. GERER, F. MELIN, P. HELLWIG, M. W. HOSSEINI, S. FERLAY

”Chemical and electrochemical alkali cations intercalation/release in an ionic hydrogen bonded network”

*Inorg. Chem.*, **2019**, *58*, 1541–1547.

***Année 2018***

**341**- S. FERLAY, P. HELLWIG, M. W. HOSSEINI

“Partially reversible thermal induced oxidation during a dehydration process in an H-bonded supramolecular system”

*ChemPhysChem*,**2018**, *19*, 1 - 8.

**340**- K. NAGARAJANJ. G. A. THOMAS1, E. DEVAUX, T. CHERVY, A. JOUAITI, M.W. HOSSEINI, A. KUMAR, C. GENET and T.W. EBBESEN

“Photoconductivity under Ultra-Strong Coupling of n- and p-type Organic Semiconductors”

*Nature nanotechnology*, **2018**, **Soumis le 24 mars.**

**339**- I. N. MESHKOV, V. BULACH, Y. G. GORBUNOVA, A. JOUAITI, A. A. SINELSHCHIKOVA, N. KYRITSAKAS, M. S. GRIGORIEV, A. Y. TSIVADZE, M. W. HOSSEINI

“Molecular brakes based on Zn(II) porphyrin dimer”

*N. J. Chem.*, **2018**, *42*,7816-7822.

**338**- C. R. R. ADOLF, S. FERLAY, M. W. HOSSEINI

“Molecular Tectonics: control of crystalline sequences”

*CrystEngComm.*, **2018**, *20*, 2233 - 2236.

**337**- B. GODDE, D. RITAINE, A. JOUAITI, M. MAURO, M. W. HOSSEINI

“A pyridyl-benzimidazole based luminescent molecular turnstile”

*N. J. Chem.*, **2018**, 42, 7810-7815.

**336**- A. LEDNEVA, S. FERLAY, N. NAUMOV, M. MAURO, S. CORDIER, N. KYRITSAKAS, M. W. HOSSEINI

"Hydrogen bonded networks based on hexarhenium(III) chalcocyanide clusters complexes: structural study and spectroscopic properties"

*New J. Chem*., **2018**, 42, 11888-11895.

**335**- F. ZHANG, S. A. BAUDRON, M. W. HOSSEINI

“Symmetrical and dissymmetrical 2,2’-bis-dipyrrin ligands and Zn(II) binuclear helicates”

*N. J. Chem*., **2018**, *42*, 6997--7004

**334**- T. ISHIWATA, A. MICHIBATA, K. KOKADO, S. FERLAY, M. W. HOSSEINI, and K. SADA

“Box-like gel capsule from heterostructure based on a core-shell MOF as template of crystal crosslinking”

*Chem. Commun.*, **2018**, *54*, 1437 - 1440

**333**- B.-W. HU, S. FERLAY, N. KYRITSAKAS and M. W. HOSSEINI

“Phase diagram and positional isomery in flexible honeycomb-like 2D hydrogen bonded solid solutions”

*CrystEngComm.*, **2018**, *20*, 1853–1861.

**332**- E. F. CHERNOVA, A. S. OVSYANIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

“Synthesis of four new carboxylic derivatives based on the [1.1.1.1]metacyclophane backbone blocked in *1,3*-Alternate conformation”

*Tetrahedron Letters*, **2018**, *59* 1377–1381.

**331-** A. S. OVSYANIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KyYRITSAKAS, M. W. HOSSEINI

« Molecular Tectonics: high dimensional coordination networks based on a methylenecarboxylate appended tetramercaptothiacalix[4]arene in *1,3*-Alternate conformation »

*CrystEngComm.*, **2018**, *20*, 1130–1140.

***Année 2017***

**330-** OVSYANIKOV, S. FERLAY, E.F. CHERNOVA,S. E. SOLOVIEVA, I. S. ANTIPIN, M. W. HOSSEINI

“Coordination compounds based on metacyclophane derivatives”

*Macroheterocycles*, **2017**, *10*, 410-420.

**329-** A. POMA, I. GRIGIONI, M. VITTORIA DOZZI, S.A. BAUDRON, L. CARLUCCI, M. W. HOSSEINI, E. SELLI

« A Ni-2,2’-bisdipyrrinato complex as a potential sensitizer: synthesis and photoelectrochemical characterization »

*New J. Chem.,* **2017**, *41*, 15021-15026.

**328**- B. GODDE, A. JOUAITI, A. FLUCK, N. KYRITSAKAS, M. MAURO, M. W. HOSSEINI

*"*Symmetrical or non-symmetrical luminescent turnstiles based on hydroquinone stators and rotors bearing pyridyl or p-dimethyaminopyridyl coordinating units"

*Dalton.Trans.,* **2017**, *46*, 14897-14906.

**327**- I.N. Meshkov, V. Bulach, Y. G. Gorbunov, F. E. Gostev, V. A. Nadtochenko, A. Y. Tsivadze, M. W. Hosseini

"Tuning photochemical properties of phosphorus(V) porphyrins photosensitizers"

Chem. Comm., **2017,** DOI: 10.1039/C7CC06052A.

**326**- M. H. Noamane, S. Ferlay, R. Abidi, N. Kyritsakas, M. W. Hosseini

"Synthesis of para- and meta-imino- or -amino-methyl pyridyl appended p-tert-butyl-calix[4]arene or p-tert-butyl-thiacalix[4]arene in 1,3-Alternate conformation"

New J. Chem., **2017**, 41, 6334 - 6339.

**325**- F. Zhang, S. Baudron, M. W. Hosseini

"Solvent and anion effects on the organization of a luminescent [2+2] BODIPY/Ag(I) metallamacrocycle in the crystalline state"

CrystEngComm, **2017**, 19, 4393 - 4400.

**324**- M. H. Noamane, S. Ferlay, R. Abidi, M. W. Hosseini

"Synthesis of multivalent oxamate ligands based on calix[4]arene and thiacalix[4]arene backbones in 1,3-Alternate conformation"

Tetrahedron., **2017**, 73, 4259 - 4264.

**323**- M. H. Noamane, S. Ferlay, R. Abidi, N. Kyritsakas, M. W. Hosseini

"Discrete binuclear and tetranuclear silver complexes based on ortho-imino- or ortho-amino-pyridyl appended p-tert-butyl-calix[4]arene or p-tert-butyl-thiacalix[4]arene in 1,3-alternate conformation"

EJIC., **2017**,27, 3327 – 3336.

**322**- M. H. Noamane, S. Ferlay, R. Abidi, N. Kyritsakas, M. W. Hosseini

"Formation of binuclear neutral Copper(II) complexes based on p-tert-butyl- calix[4]arene and thiacalix[4]arene in 1,3-A conformation bearing four catechol at their lower rim"

Inorganica Chimica Acta., **2017**, dx.doi.org/10.1016/j.ica.2017.04.047.

**321**- D. Asnaghi, R. Corso, P. Larpent, I. Bassanetti, A. Jouaiti, N. Kyritsakas, A. Comotti, P. Sozzani, M. W. Hosseini

"Molecular tectonics: gas adsorption and chiral uptake of (L)- and (D)- tryptophan by homochiral porous coordination polymers"

Chem. Commun., **2017**, 53, 5740 – 5743.

**320**- A. Ovsyannikov, S. Ferlay, S. E. Solovieva, I. S. Antipin, A. I. Konovalov, N. Kyritsakas, M. W. Hosseini

"Molecular tectonics: Manganese (II), Copper(II) and Zinc(II) 1D coordination polymers based on tetramercaptothiacalix[4]arene bearing benzoate coordinating groups"

Macroheterocycles, **2017**, 10(2), 147 - 153.

**319**- F. Zhang, C. R. R. Adolf, N. Zigon, S. Ferlay, N. Kyritsakas, M. W. Hosseini

"Molecular tectonics: hierarchical organization of heterobimetallic coordination networks into heterotrimetallic core-shell crystals"

Chem. Commun., **2017**, 53, 3587 - 3590.

**318**- A. Mazel, S. Baudron, M. W. Hosseini

"AzaBODIPY based coordination polymers"

CrystEngComm., **2017**, 19, 897 – 900.

**317**- E. Chernova, A. Ovsyannikov, M. N. LANG, S. Ferlay, S. E. Solovieva, I. S. Antipin, A. I. Konovalov, N. Kyritsakas, M. W. Hosseini

"Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination networks based on tetracyanomethyl[1.1.1.1]metacyclophane and silver cation"

Mendeleev Commun., **2017**, 27, 260 - 262.

**316**- E. R. Engel, A. Jouaiti, C. X. Bezuidenhout, M. W. Hosseini, L. J. Barbour

"Activation-Dependent Breathing in a Flexible Metal–Organic Framework and the Effects of Repeated Sorption/Desorption Cycling"

Angewandte Chemie, **2017**, 56, 8874 - 8878.

***Année 2016***

**315**- S. Baudron, M. W. Hosseini

"Pre-organization of clefts for Ag-π interactions in Zn(II) bisdipyrrin helicates for the construction of heterometallic networks"

Chem.Commun., **2016**, 52, 13000 - 13003.

**314**- A. Ovsyannikov, M. N. LANG, S. Ferlay, S. E. Solovieva, I. S. Antipin, A. I. Konovalov, N. Kyritsakas, M. W. Hosseini

"Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks"

CrystEngComm, **2016**, 18, 8622 - 8630.

**313**- I. N. Meshkov, V. Bulach, Y. G. Gorbunova, N. Kyritsakas, M. S. Grigoriev, A. Y. Tsivadze, M. W. Hosseini

"Phosphorus(V) Porphyrin Based Molecular Turnstiles"

Inorg. Chem, **2016**, 55, 10774 – 10782.

**312**- M. W. Hosseini

"Perspectives in Molecular Tectonics"

Macrocyclic and Supramolecular Chemistry, Ed. R. M. Izatt, Weiley **2016**, pp 73 - 91.

**311**- A. Gantz, C. Xu, A. Guenet, H. Kelm, N. Kyritsakas, J.-M. Planeix, S. Kubik, M. W. Hosseini

"Molecular tectonics: homochiral coordination polymers based on pyridyl-substituted cyclic tetrapeptides"

CrystEngComm, **2016**, 18, 7685 - 7689.

**310**- M. Catalin, S. Saureu, C. De Graaf, S. Ferlay, M. W. Hosseini, V. Robert, C. Train

"Amidinium-templated 2D [MnCr] Bimetallic Oxalate-Based Networks: The Influence on Structure and Magnetism Explored by Combining Experience and Theory"

*CrystEngComm,* **2016**, *18*, 691 - 703.

**309**- A. Ovsyannikov, S. Ferlay, S. E. Solovieva, I. S. Antipin, A. I. Konovalov, N. Kyritsakas, M. W. Hosseini

"Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes"

EURJIC, **2016**, 26, 4185 - 4193.

**308**- A. Ovsyannikov, S. Ferlay, S. E. Solovieva, I. S. Antipin, A. I. Konovalov, N. Kyritsakas, M. W. Hosseini

"Molecular tectonics: 1D tubular type and 3D diamond like mercury (II) coordination polymers based on pyridyl appended *p*-*tert*-butyl-tetrathiacalix[4]arene"

*Macroheterocycles*, **2016**, *9*, 17-22.

**307**- C. Musumeci, S. Osella, L. Ferlauto, D. NiedzialekI, L. Grisanti, S. Bonacchi, A. Jouaiti, S. Milita, A. Cieslieski, D. Beldonne, M. W. Hosseini, P. Samori

"Influence of the supramolecular order on the electrical properties of 1D coordination polymers based materials"

*Nanoscale*, **2016**, *8*, 2386-2394.

***Année 2015***

**306**- C. Adolf, S. Ferlay M. W. Hosseini

"Welding molecular crystals"

*J. Am. Chem. Soc.* **2015**, *137*, 15390−15393.

**305**- C. Xu, A. Guenet, N. Kyritsakas, J.-M. Planeix, M. W. Hosseini

"Molecular Tectonics: design of enantiopure luminescent heterometallic Cd(II)-Ir(III) coordination network"

*Inorg Chem.* **2015**, *54*, 10429 - 10439.

**304**- S. FERLAY, M. W. HOSSEINI

"La tectonique moléculaire : Des molécules à l’organisation hiérarchique de la matière complexe" *Actualité Chimique*., **2015**, *399*, 16 - 24.

**303**- C. XU, A. GUENET, N. KYRITSAKAS, J.-M. PLANEIX, M. W. HOSSEINI

"Molecular tectonics: heterometallic (Ir,Cu) grid-type coordination networks based on cyclometallated Ir(III) chiral metallatectons "

*Chem. Commun*., **2015**, *51*, 14785 - 14788.

**302**- A. OVSYANNIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: grid and porous coordination networks based on combinations of iron thiocyanate and tetrathiacalix[4]arene and tetrathiatetramercaptothiacalix[4]arene pyridyl appended derivatives"

*Macroheterocycles* **2015**, *8*, 113 - 119.

**301**- N. ZIGON, M. W. HOSSEINI

"A bi-stable organometallic turnstile"

*Chem. Commun*., **2015**, *51*, 12486 - 12489.

**300**- N. ZIGON, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: heterometallic coordination networks based on a Pt(II) organometallic metallatecton"

*Dalton Trans*., **2015**, *44*, 14204 – 14207.

**299**- M. EL GARAH, N. MMARETS, S. BONACCHI, M. MAURO, A. CIESIELSLKI, V. BULACH, M. W. HOSSEINI, P. SAMORI

"Nanopatterning of surfaces with mono- and hetero bi-metallic 1D coordination polymers: a molecular tectonics approach at the solid/liquid interface"

*J. Amer. Chem. Soc.* **2015**, 137, 8450 – 8459.

**298**- F. BAUDRON,H. RUFFIN, M. W. HOSSEINI

"On Polynuclear Zn(II) 2,2’-Bisdipyrrin Circular Helicates"

*Chem. Commun.* **2015***, 51*, 5906 – 5909.

**297**- F. STUDENER,K. MÜLLER, N. MARETS, V. BULACH, M. W. HOSSEINI, M. STRÖHR

"From hydrogen bonding to metal coordination and back: A porphyrin based networks on Ag(111)"

*J. Chem. Phys.* **2015**, *142*, 101926, 1-6.

**296**- A. OVSYANNIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: silver coordination networks based on tetramercaptotetrathiacalix[4]arene in 1,3-A conformation bearing four nitrile groups"

*Russian Chemical Bulletin.* **Soumis en 2014**.

**295**- A. BEZIAU, S. A. BAUDRON, G. ROGEZ, M. W. HOSSEINI

"Assembly, Disassembly and Reassembly: Conversion of Homometallic Coordination Networks into Mixed Metal-Organic Frameworks"

*Inorg. Chem.* **2015**, *54*, 2032−2039

***Année 2014***

**294**- A. OVSYANNIKOV, N. A. EPIFANOVA, E. V. POPOVA, N. KYRITSAKAS, S. FERLAY,  M. W. HOSSEINI, Sh. K. LATYPOV, S. E. SOLOVIEVA, I. S. ANTIPIN, and A. I. KONOVALOV

"Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the *Cone* Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I)"

*Macroheterocycles* **2014**, *7*, 189-195.

**293**- N. ZIGON, P. LARPENT, A. JOUAITI, N. KYRITSAKAS, M. W. HOSSEINI

"A luminescent molecular turnstile"

*Dalton Trans*, **2014**, *43*, 15779-15784.

**292**- M. El GARAH, A. CIESIELSKI, N. MARETS, V. BULACH, M. W. HOSSEINI, P. SAMORI

"Molecular tectonics in two dimensions: surface nanopatterning by 2D Metal-Organic Frameworks"

*Chem. Commun*., **2014**, *50*, 12250-12253.

**291**- S. WANG, A. MIKA, J. HUTCHISON, C. GENET, A. JOUAITI, M. W. HOSSEINI, T. EBBESEN

"Phase Transition of a Perovskite Coupled to the Vacuum Field"

*Nanoscale*, **2014**, *6*, 7243-7248.

**290**- N. ZIGON, P. LARPENT, A. JOUAITI, N. KYRITSAKAS,  M. W. HOSSEINI

"Optical reading of the open and closed states of a molecular turnstile"

*Chem. Commun*, **2014**, *50*, 5040-5042.

**289**- A. BEZIAU, S. BAUDRON, D. RASOLOARISON, M. W. HOSSEINI

"Rigid yet flexible heteroleptic Co(III) dipyrrin complexes for the construction of heterometallic 1- and 2-D coordination polymers"

*CrystEngComm,* **2014**, *16*, 4973–4980.

**288**- A. OVSYANNIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: generation of grid and porous diamondoid coordination networks by combining metal halides with tetrathiacalix[4]arene and tetrathiatetramercaptothiacalix[4]arene pyridyl appended tectons"

*CrystEngComm*., **2014**, *16*, 3765-3772.

**287**- P. LARPENT, A. JOUAITI, N. KYRITSAKS, M. W. HOSSEINI

"Molecular tectonics: homochiral coordination networks based on a chiral neutral tecton and on Hg(II), Cu(II) or Ni(II) neutral complexes as metallatectons"

*Dalton Trans*., **2014**, *43*, 2000 – 2006.

**286**- H. RUFFIN, S. A. BAUDRON, D. SALAZAR-MENDOZA, MIR WAIS HOSSEINI

"A Silver Bite: Crystalline Heterometallic Architectures Based on Ag-p Interactions with a Bis-Dipyrrin Zinc Helicate"

*Chem. Eur. J.*, **2014**, *20*, 2449-2453.

**285**- A. OVSYANNIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: anion control of dimensionality in *meta-*pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks"

*Dalton Trans*., **2014**, *43*, 158-165.

**284**- P. LARPENT, A. JOUAITI, N. KYRITSAKS, M. W. HOSSEINI

"Molecular tectonics: enantiomerically pure 1D stair-type mercury coordination networks based on rigid bismonodentate C2-chiral organic tectons"

*Dalton Trans*., **2014**, *43*, 166-172.

**283**- N. ZIGON, N. Kyritsakas, M. W. HOSSEINI

"Organometallic turnstiles: acid and base locking and unlocking"

*Dalton Trans*., **2014**, *43*, 152-157.

***Année 2013***

**282**- A. BEZIAU, S. A. BAUDRON, A. FLUCK, M. W. HOSSEINI

"From Sequential to Directed One-Pot Synthesis of Dipyrrin Based Grid-Type Mixed Metal-Organic Frameworks"

*Inorg. Chem*., **2013**, *52*, 14439−14448.

**281**- G. MARINESCU, S. FERLAY, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: from coloured crystals to crystals of crystals"

*Chem. Commun*., **2013**, *49*, 11209 – 11211.

**280**- N. MARETS, V. BULACH, M. W. HOSSEINI

"Molecular tectonics: Enantiomerically pure 1- and 2-D Zinc coordination networks based on chiral porphyrins bearing pyridyl and ethynylpyridyl appended units"

*New J. Chem*., **2013**, *37*, 3549-3559.

**279**- N. ZIGON, A. GUENET, E. GRAF, N. Kyritsakas, M. W. HOSSEINI

"A Platinum turnstile with a palladium lock"

*Dalton Trans*., **2013**, *42*, 9740-9745.

**278**- A. BEZIAU, S. BAUDRON, G. ROGEZ, M. W. HOSSEINI

"Ni(II) Dipyrrin Complexes Bearing Peripheral Pyridyl or Imidazolyl Groups Self-Assemble into 2- and 3-D Coordination Polymers"

*CrystEngComm*, **2013**, *15*, 5980–5985.

**277**- A. OVSYANNIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: *p-H*-thiacalix[4]arene pyridyl appended positional isomers as tectons for the formation of 1D and 2D mercury coordination networks"

*Dalton Trans*., **2013**, *42*, 9946–9953**.**

**276**- A. OVSYANNIKOV, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN, A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: control of dimensionality in mercury coordination networks by positional isomers of tetramercapto-thiacalixarenes bearing four pyridyl units"

*Inorg. Chem*., **2013**, *52*, 6776–6778**.**

**275**- S. FERLAY, P. DECHAMBENOIT, N. KYRITSAKS, M. W. HOSSEINI

"Molecular tectonics: tuning dimensionality and topology of extended cyanocuprate networks by bisamidinium cations"

*Dalton Trans*., **2013**, *42*, 11661 – 11671.

**274**- P. LARPENT, A. JOUAITI, N. KYRITSAKS, M. W. HOSSEINI

"Molecular tectonics: homochiral 3D Cuboid coordination networks based on enantiomerically pure organic tectons and ZnSiF6"

*Chem. Commun*., **2013**, *49*, 4468 – 4470.

**273**- N. ZIGON, A. GUENET, E. GRAF, M. W. HOSSEINI

"A Platinum based organometallic turnstile"

*Chem. Commun*., **2013**, *49*, 3637 – 3639.

**272**- A. BEZIAU, S. A. BAUDRON, A. GUENET, M. W. HOSSEINI

**"**Luminescent Coordination Polymers Based on Self-Assembled Cadmium Dipyrrin Complexes"

*Chemistry Eur. J*., **2013** *19* 3215-3223.

**271**- C. MAXIM, E. PARDO, M. W. HOSSEINI, S. FERLAY, C. TRAIN

"The odd association of a C3 trisamidinium cation with a series of linear oxalate-bridged trinuclear heterometallic complexes"

*Dalton Trans.*, **2013**, *42*, 4704 – 4713.

**270**- A. OVSYANNIKOV, M. N. LANG, S. FERLAY, S. E. SOLOVIEVA, I. S. ANTIPIN,A. I. KONOVALOV, N. KYRITSAKAS, M. W. HOSSEINI

"Molecular tectonics: pyridyl containing thiacalix[4]arene based tectons for the generation of 2- and 3-D silver coordination networks"

*Dalton Trans*, **2013**, *42*, 116 - 126.

**269**- T. LANG, E. GRAF, N. KYRITSAKAS, M. W. HOSSEINI

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